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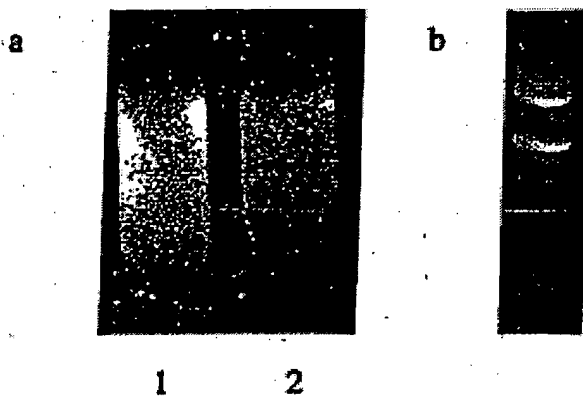
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FIGURE 1



c

1. Alpha-1-antitrypsin
2. Bone Morphogenetic Protein 2
3. Cytokeratin 6
4. Lambda Light Chain

FIGURE 2

RT-PCR for BMP-2 in Human Lung Tumors

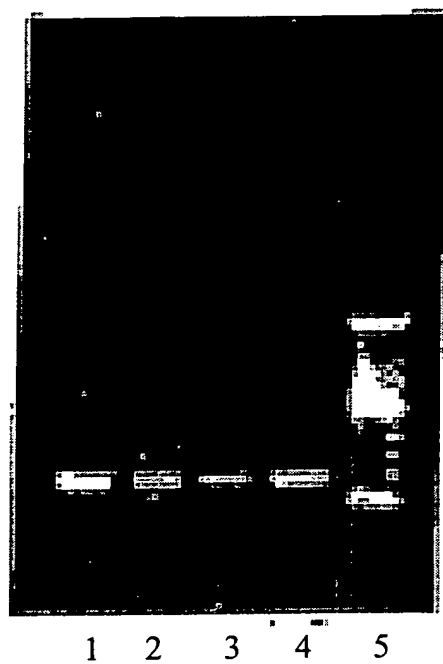


FIGURE 3

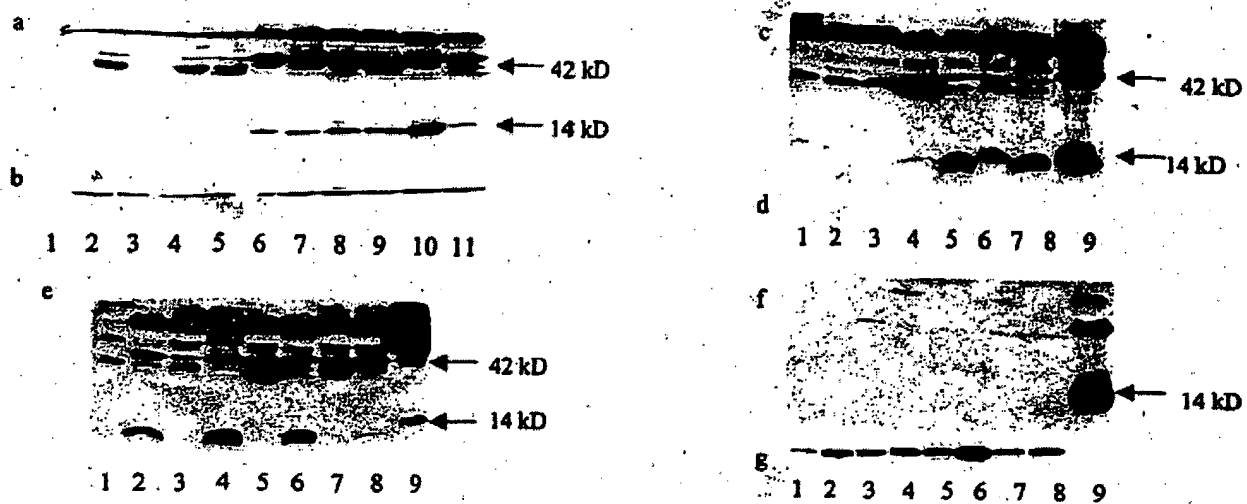


FIGURE 4

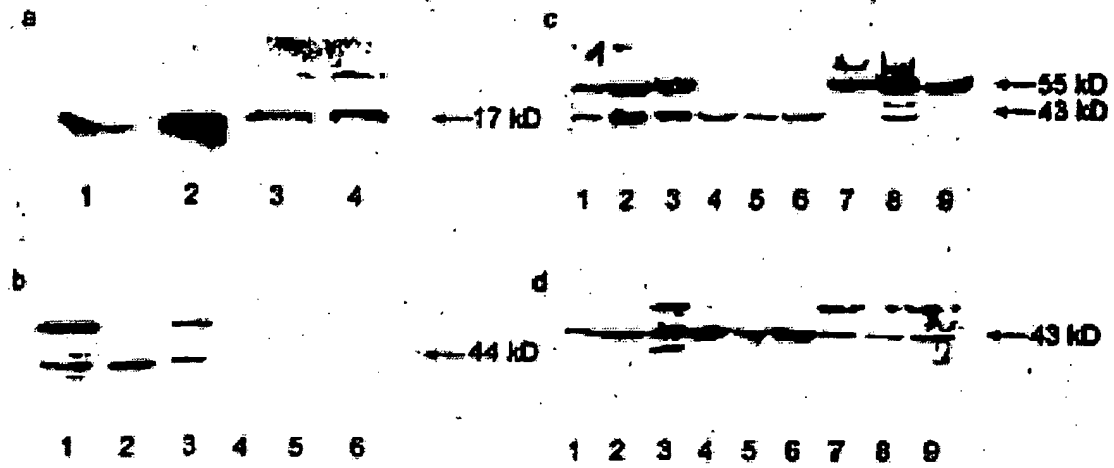


FIGURE 5

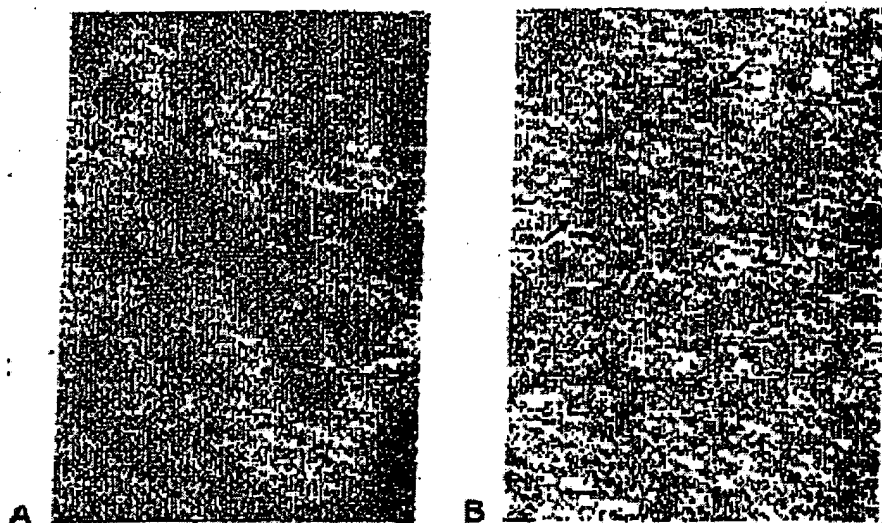


FIGURE 6

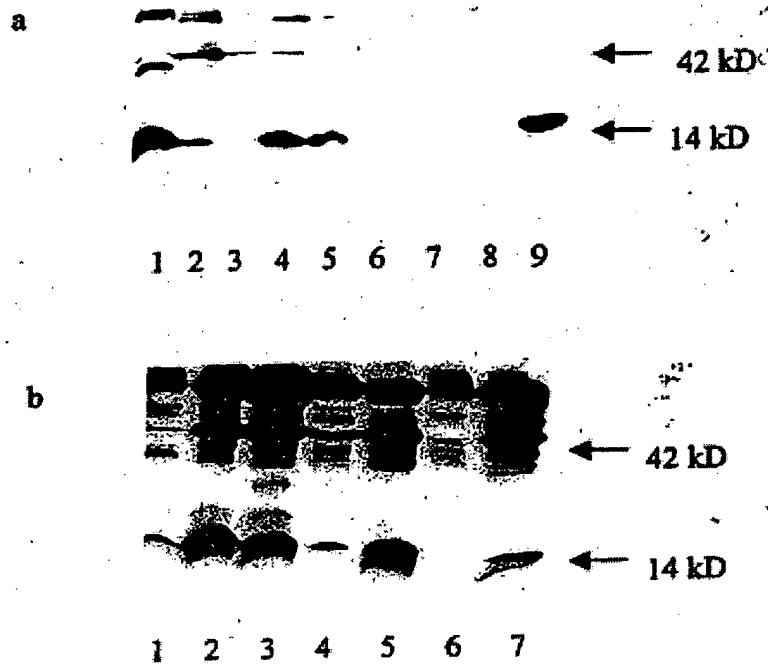


FIGURE 7

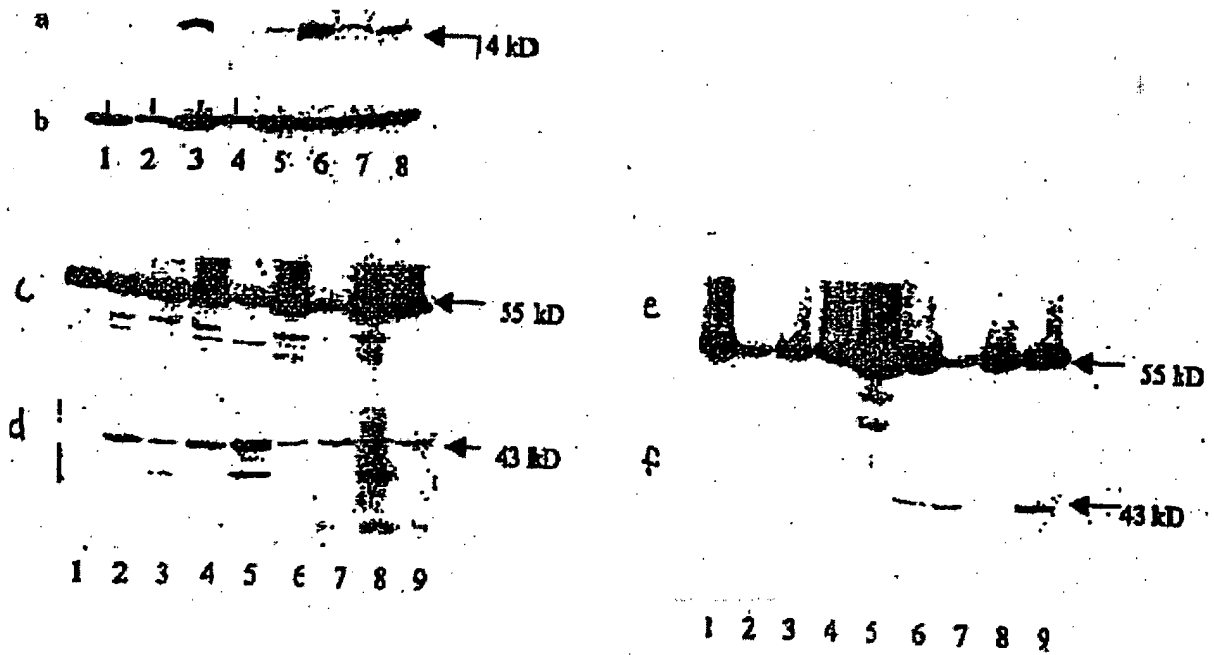


FIGURE 8

Western Blot of Serum Samples of Lung Cancer Patients

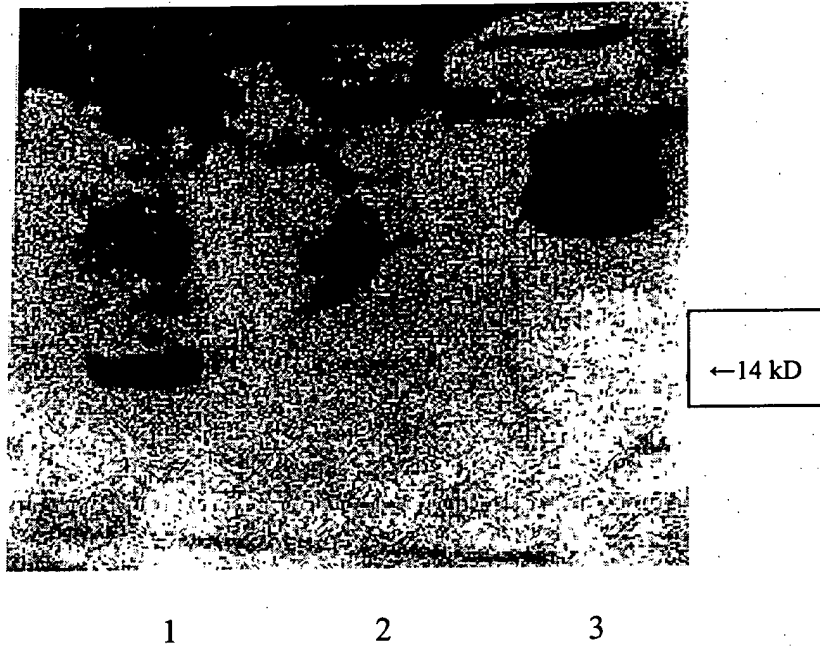


FIGURE 9

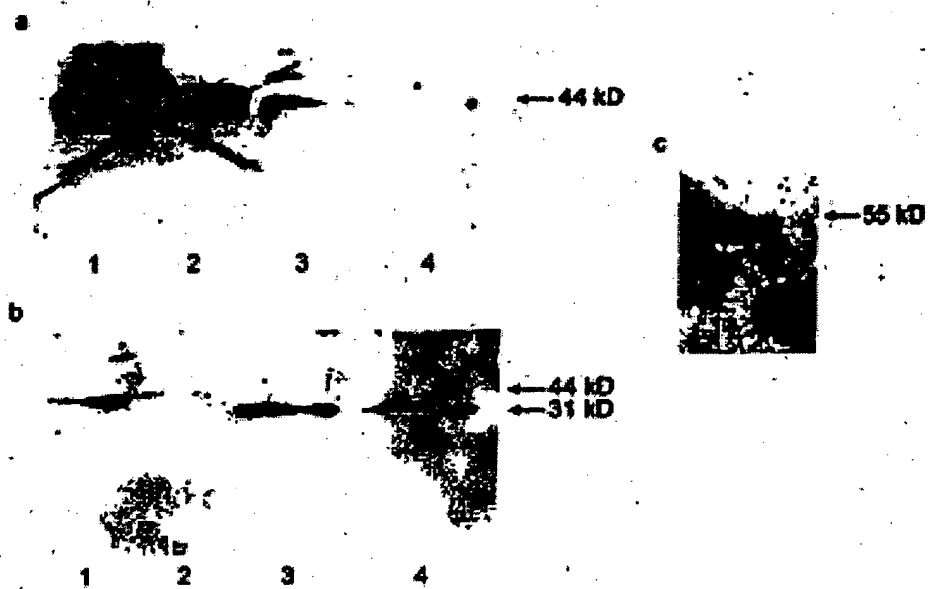


FIGURE 10

BMP Enhances Blood Vessel Formation as Compared to Controls

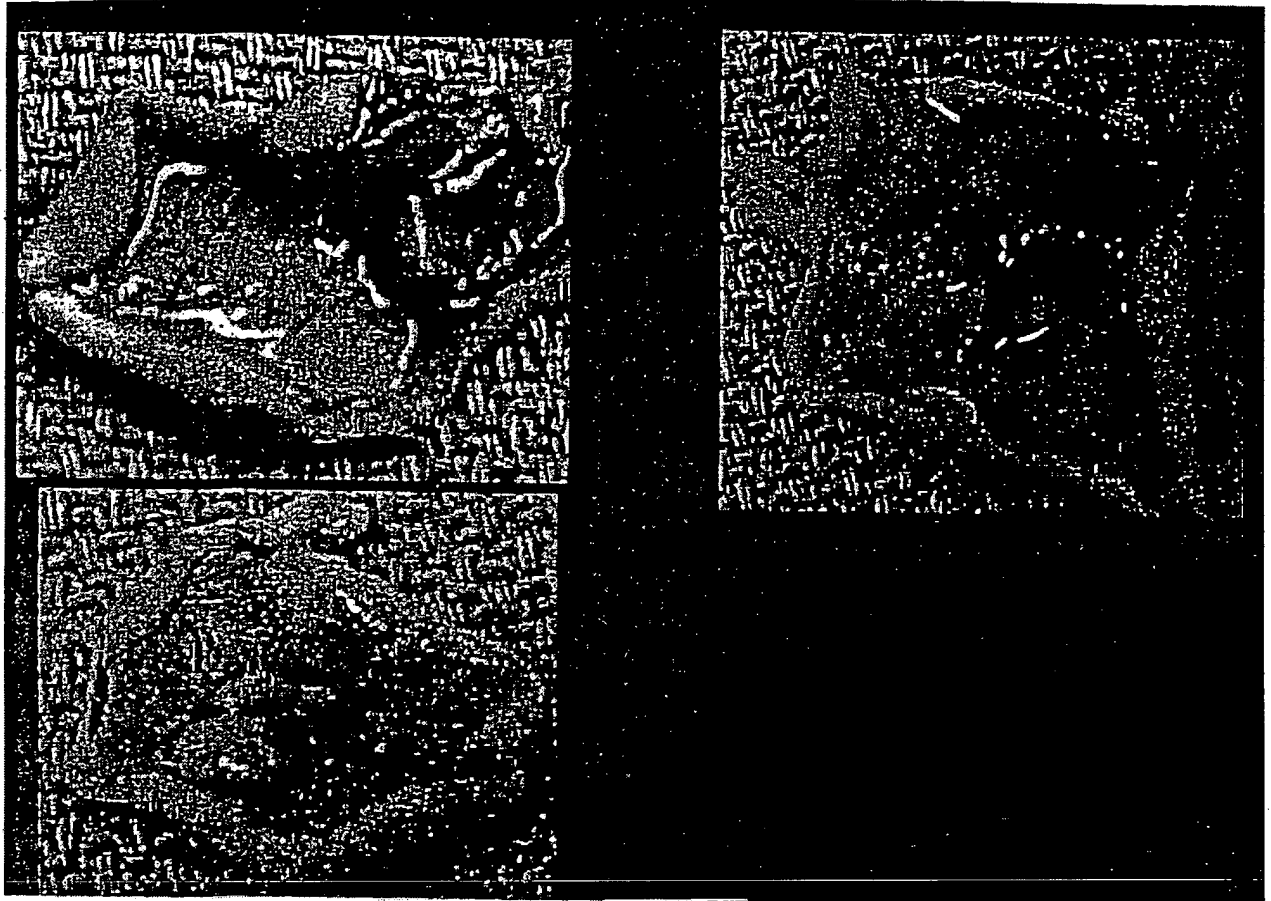


FIGURE 11

BMP-2 Enhances Tumor Vasculature

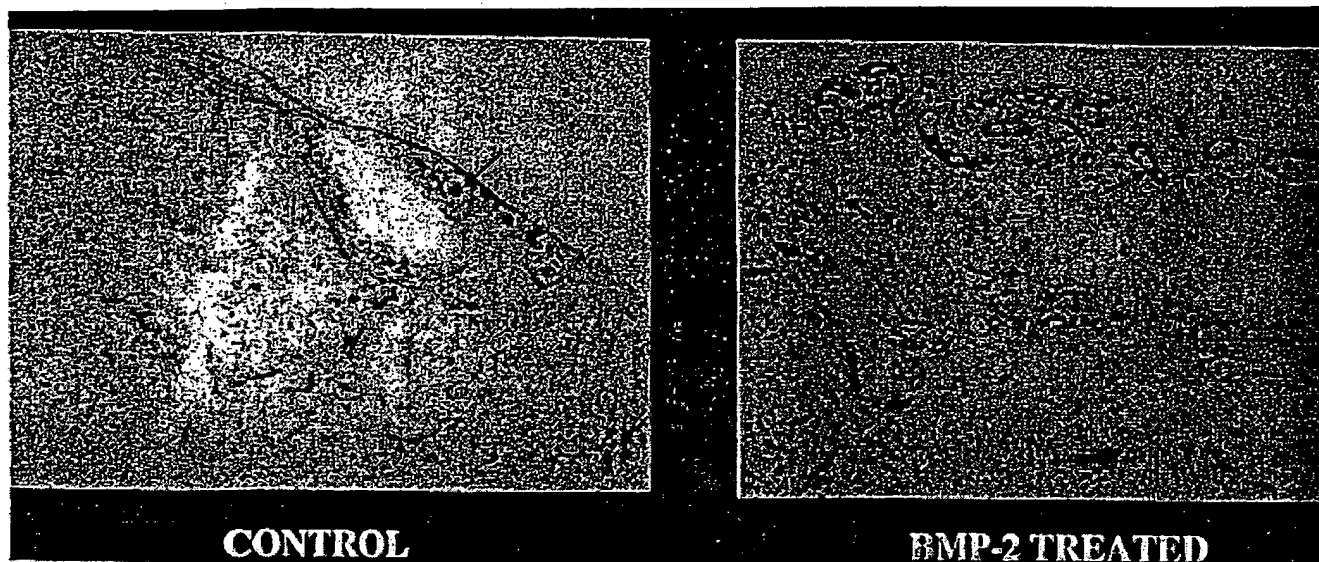
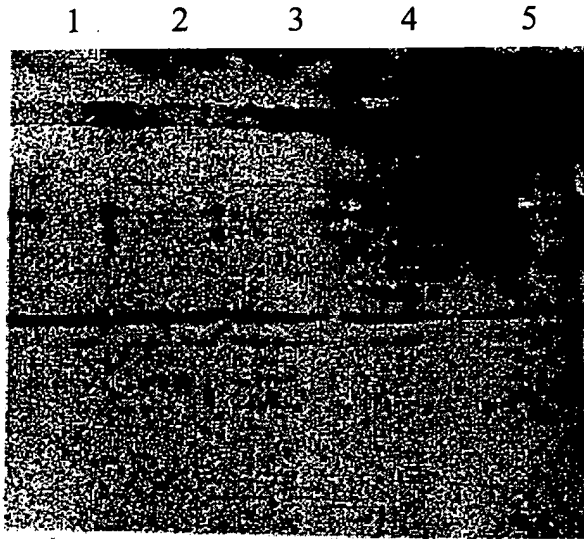


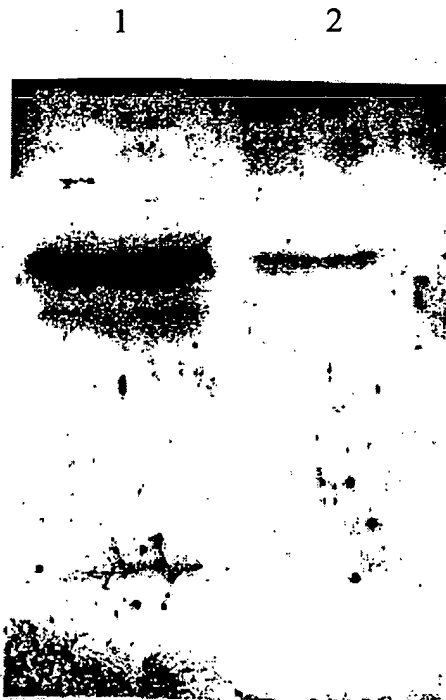
FIGURE 12

BMP-2 Regulated Sonic Hedgehog

12(a)



12(b)



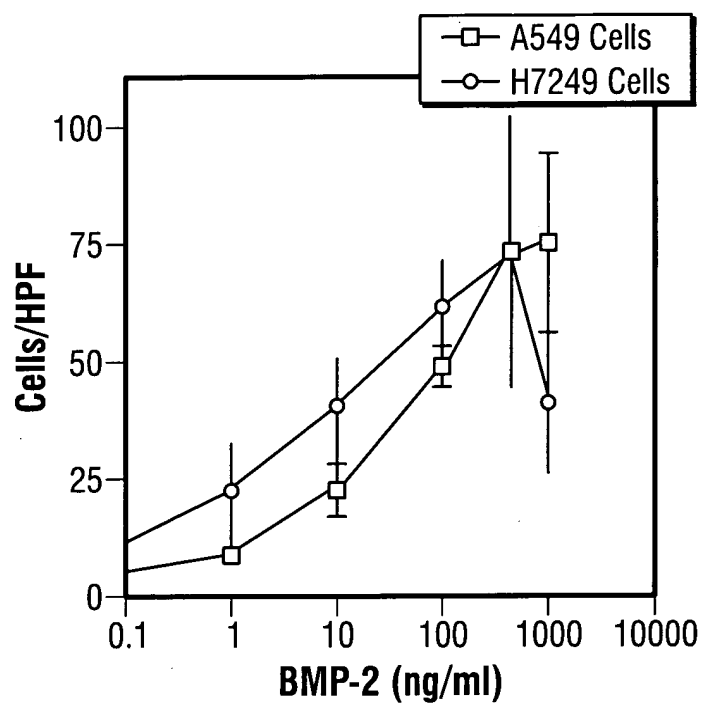


FIG. 13A

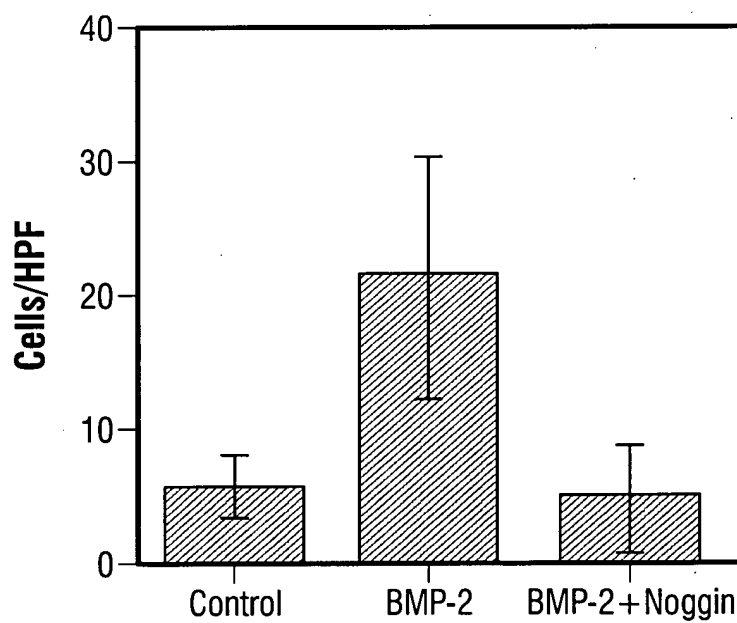
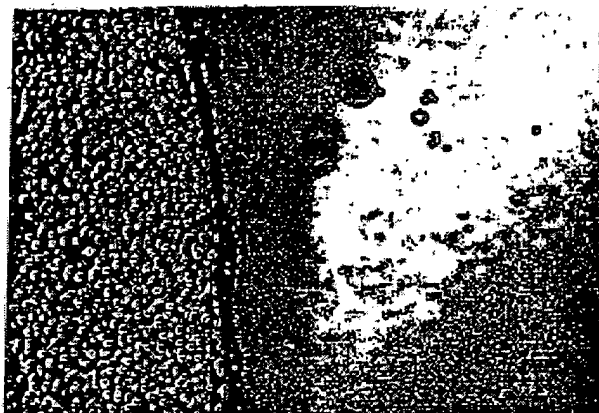


FIG. 13B

FIGURE 13 (c) and 13 (d)

13(c)



13(d)

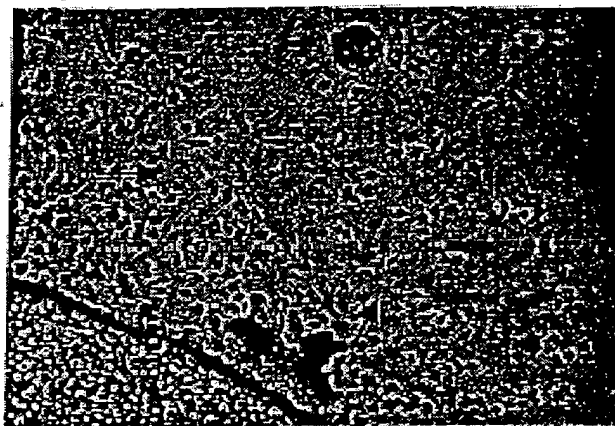


FIGURE 13(e)

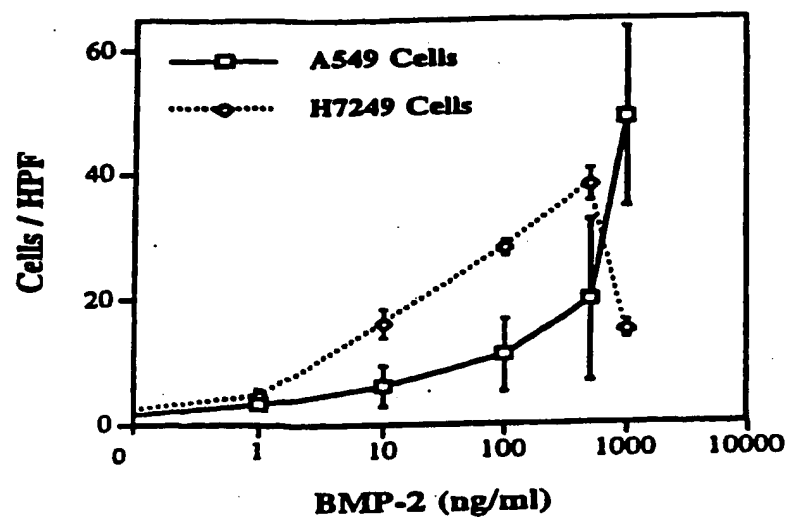


FIGURE 14

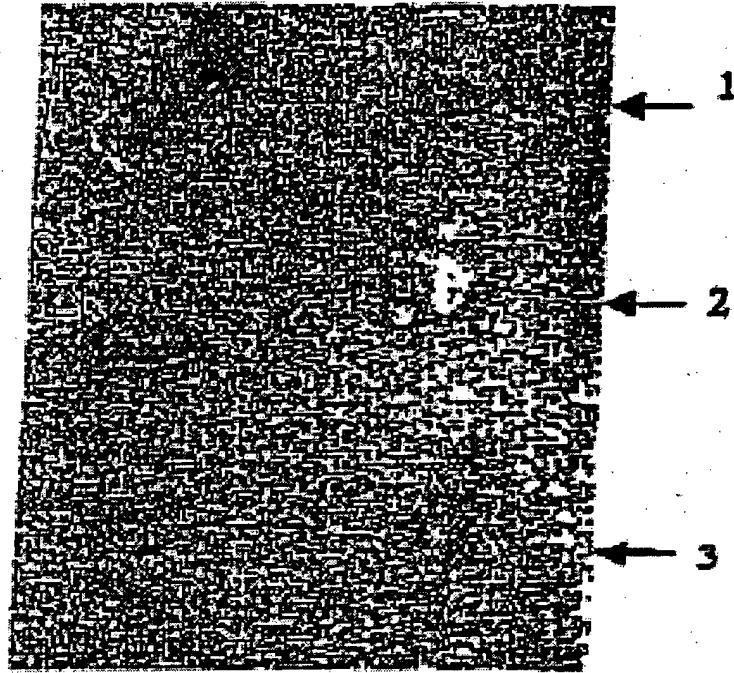
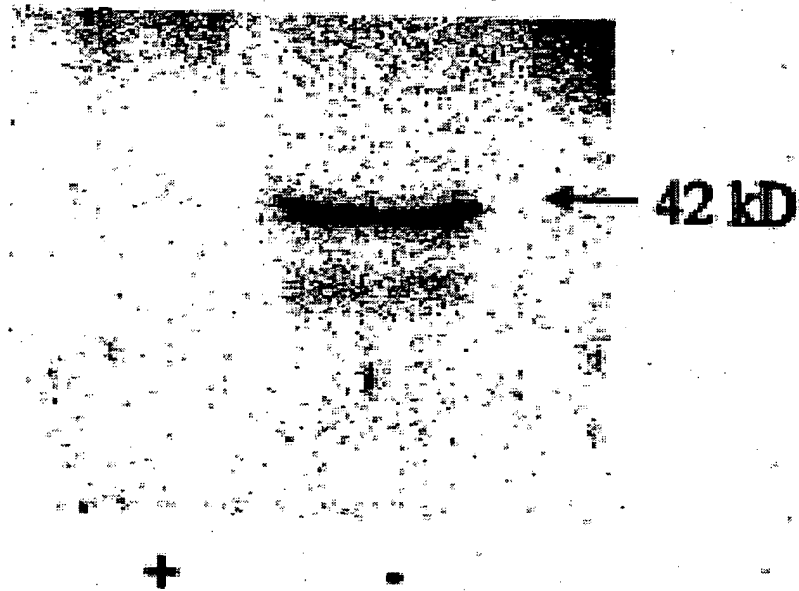


FIGURE 15

Noggin Inhibits VEGF Expression in the A549 Lung Cancer Cell Line

15(a)



15(b)

	Secreted VEGF (ng/ml)
A549 + PBS	13,333
A549 + 300 ng/ml noggin	9,442
A549 + 500 ng/ml noggin	8,219

FIGURE 16

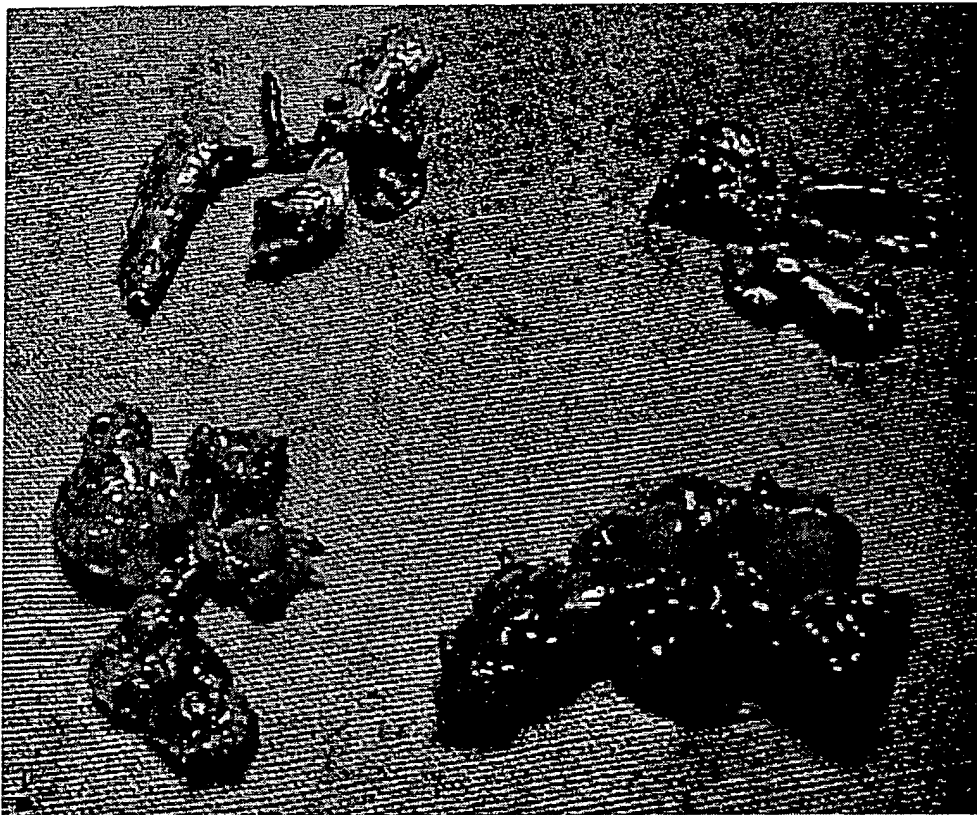


FIGURE 17

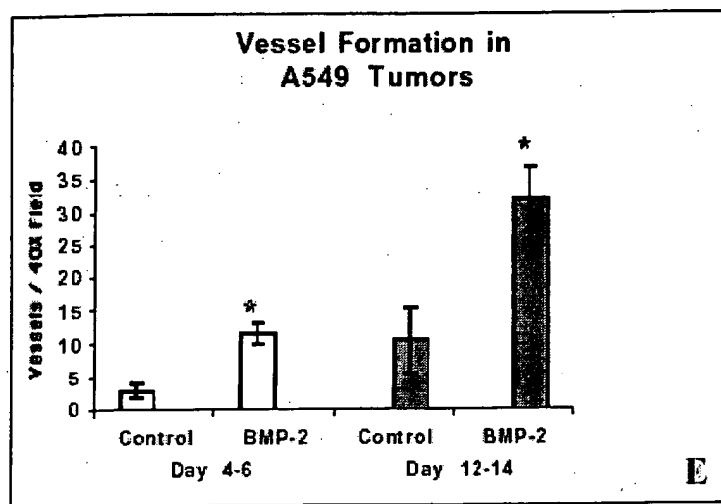
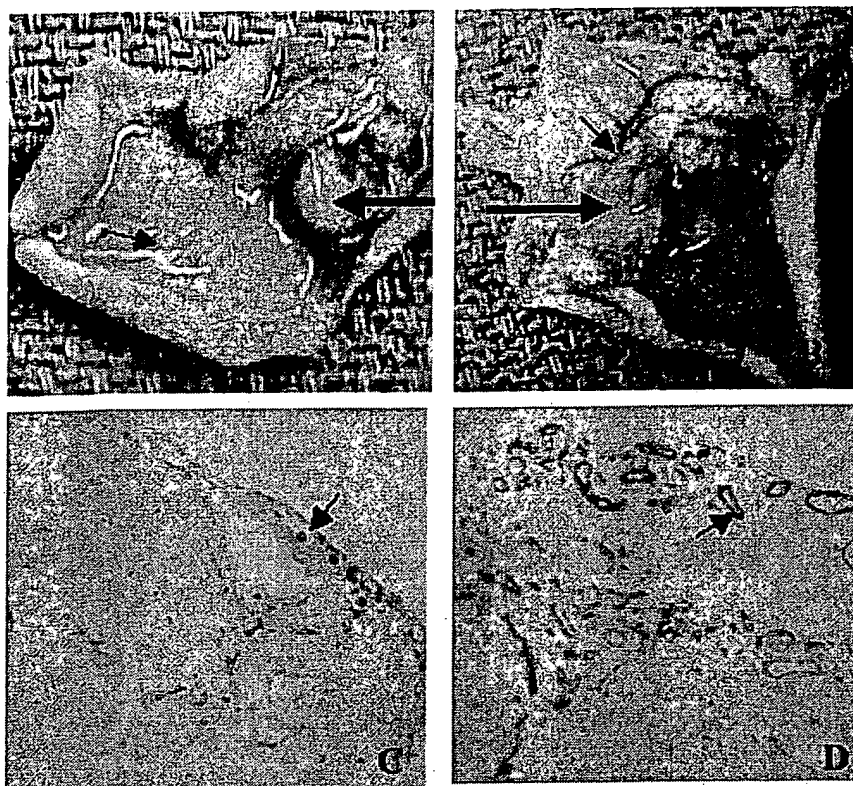


FIGURE 18

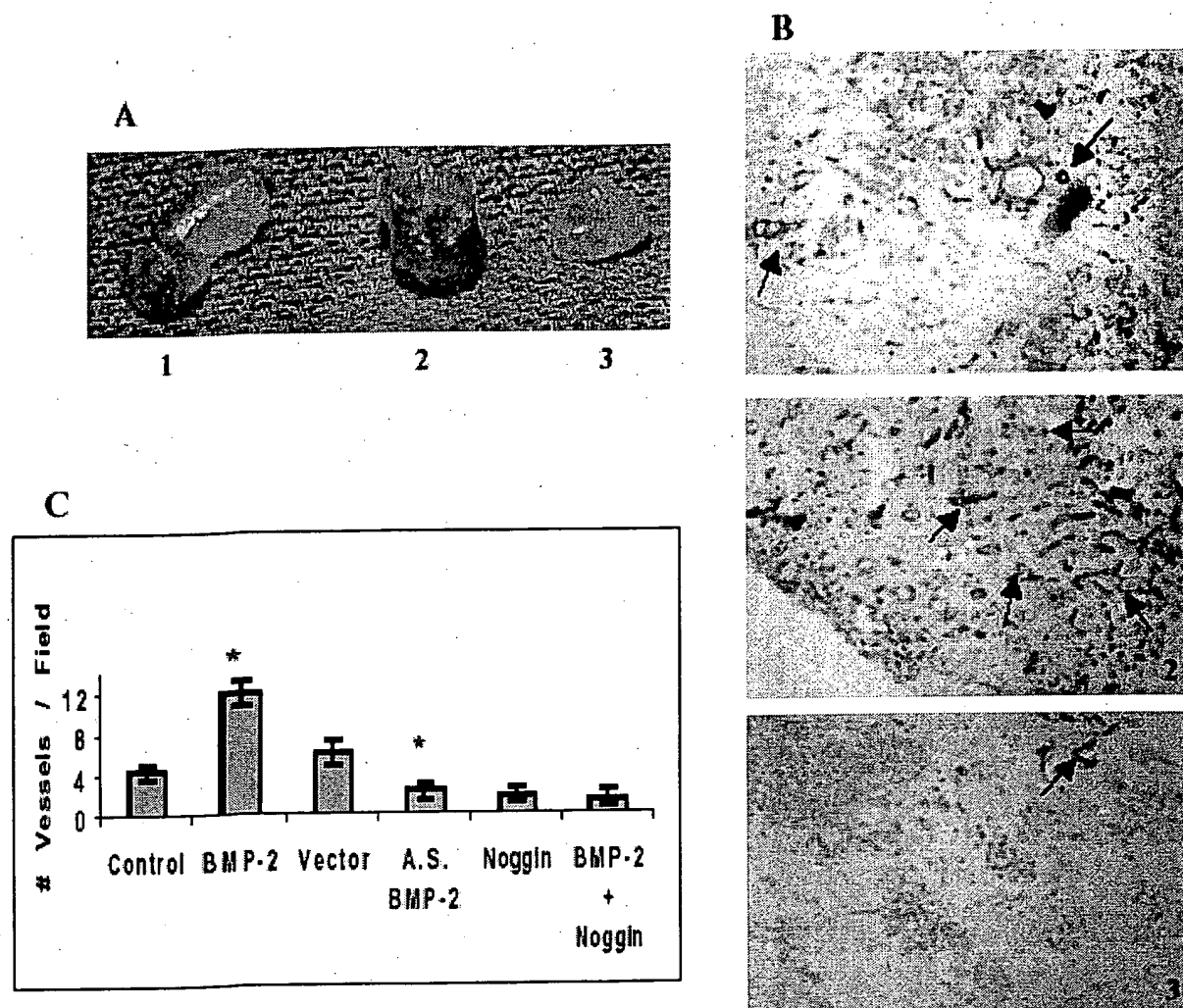


FIGURE 19

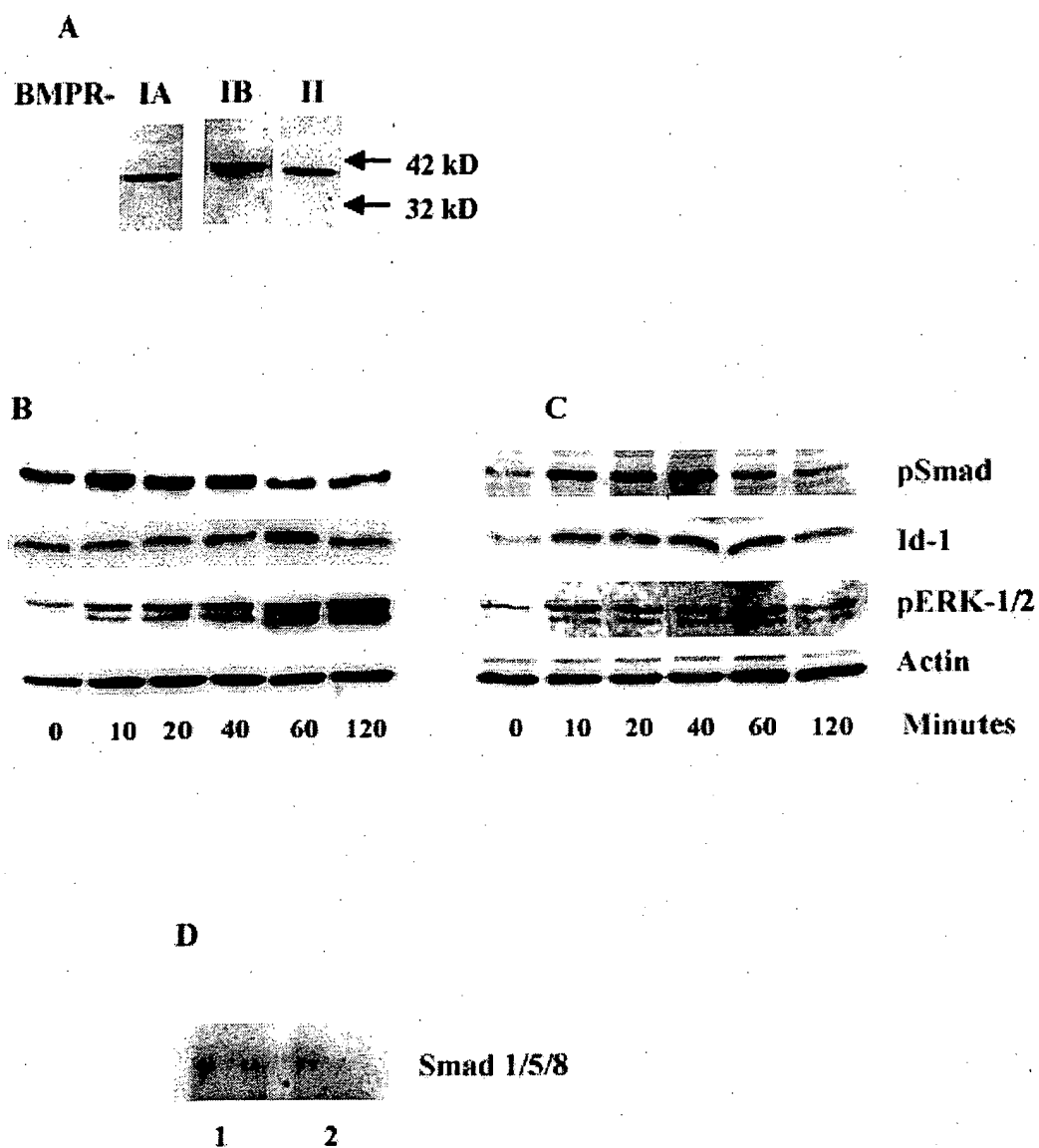


FIGURE 20(a)

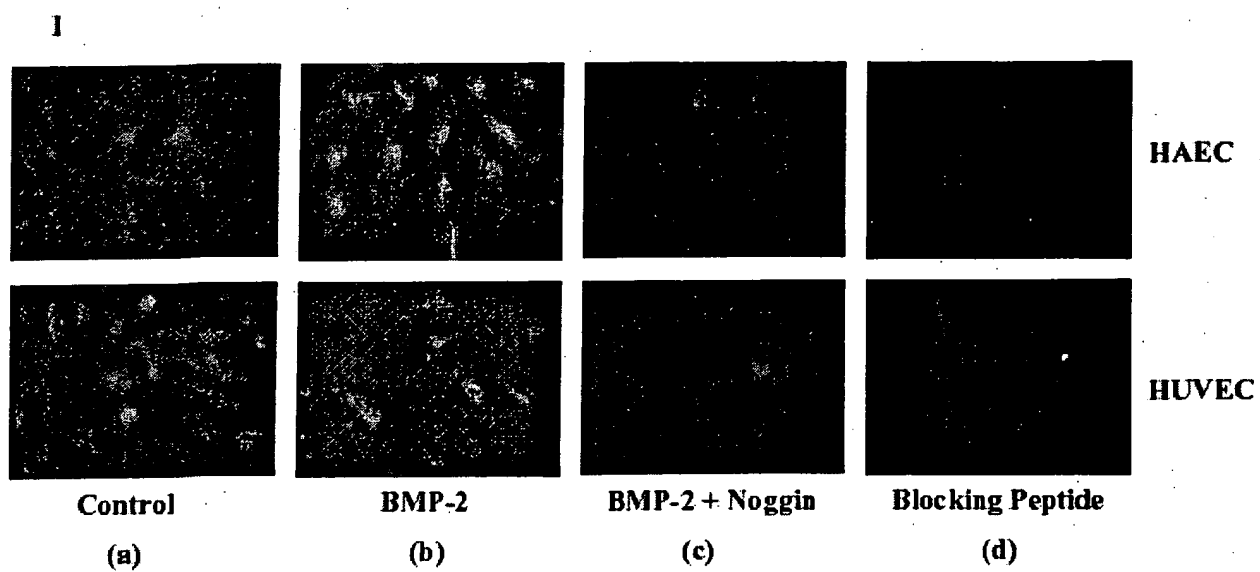
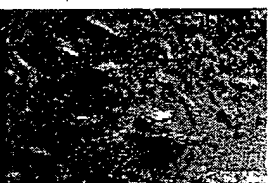
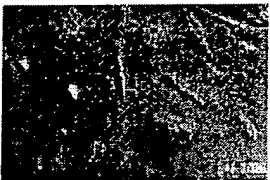
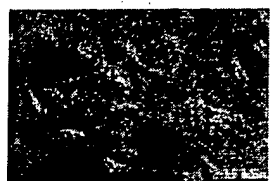
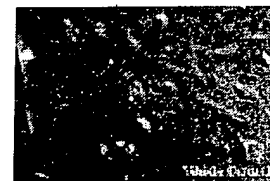


FIGURE 20(b)

II

A



B

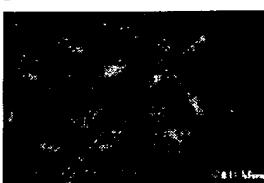
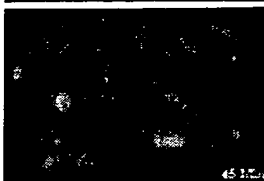
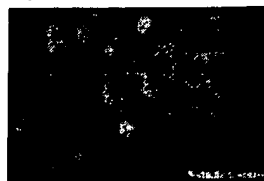


FIGURE 20(c)

C

	HAEC % Cells w/ Smad 1/5/8 Nuclear Staining	HUVEC % Cells w/ Smad 1/5/8 Nuclear Staining
Vehicle Control	8.0	12.5
15 Min	17.2	20.4
30 Min	44.9	43.8
45 Min	19.4	18.4
60 Min	9.0	11.4

FIGURE 21

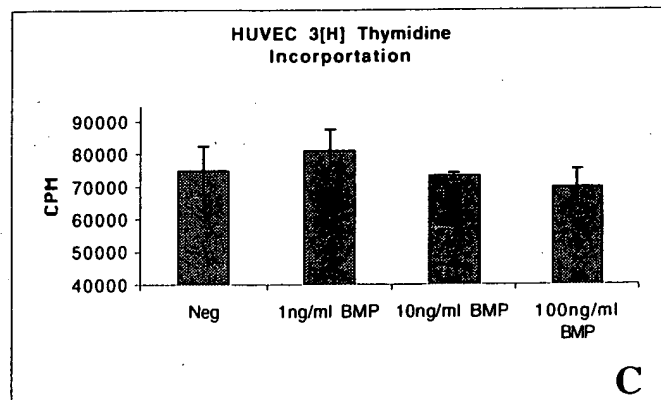
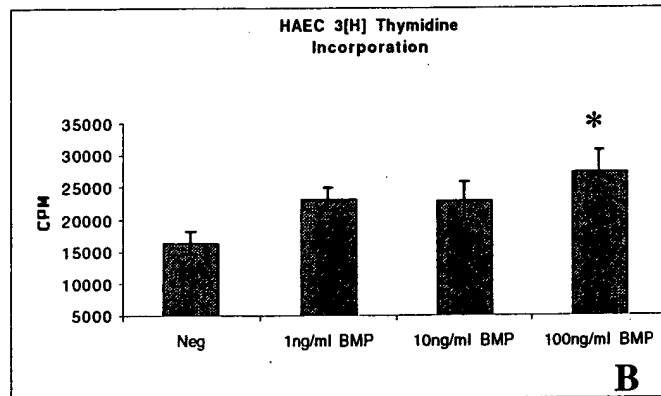
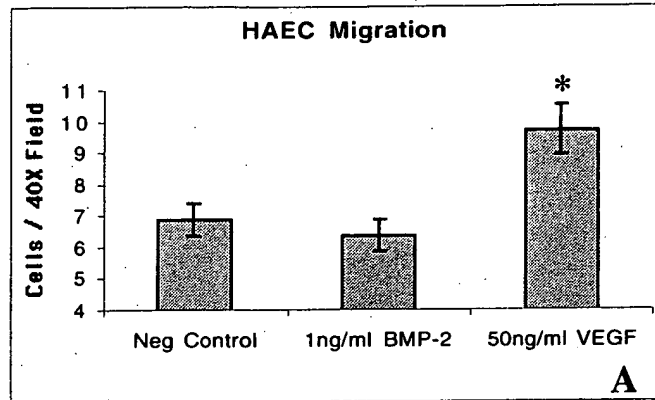
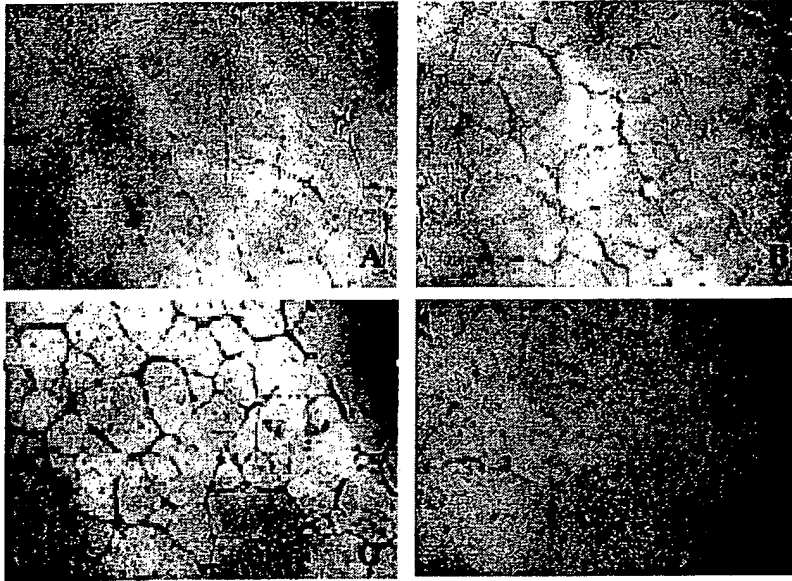
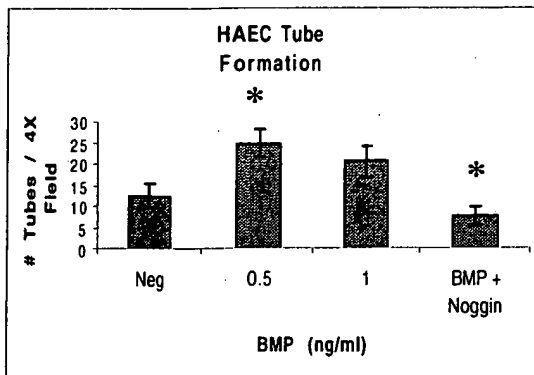


FIGURE 22



E



F

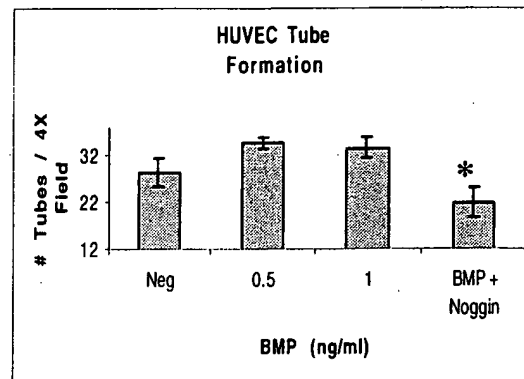


FIGURE 23

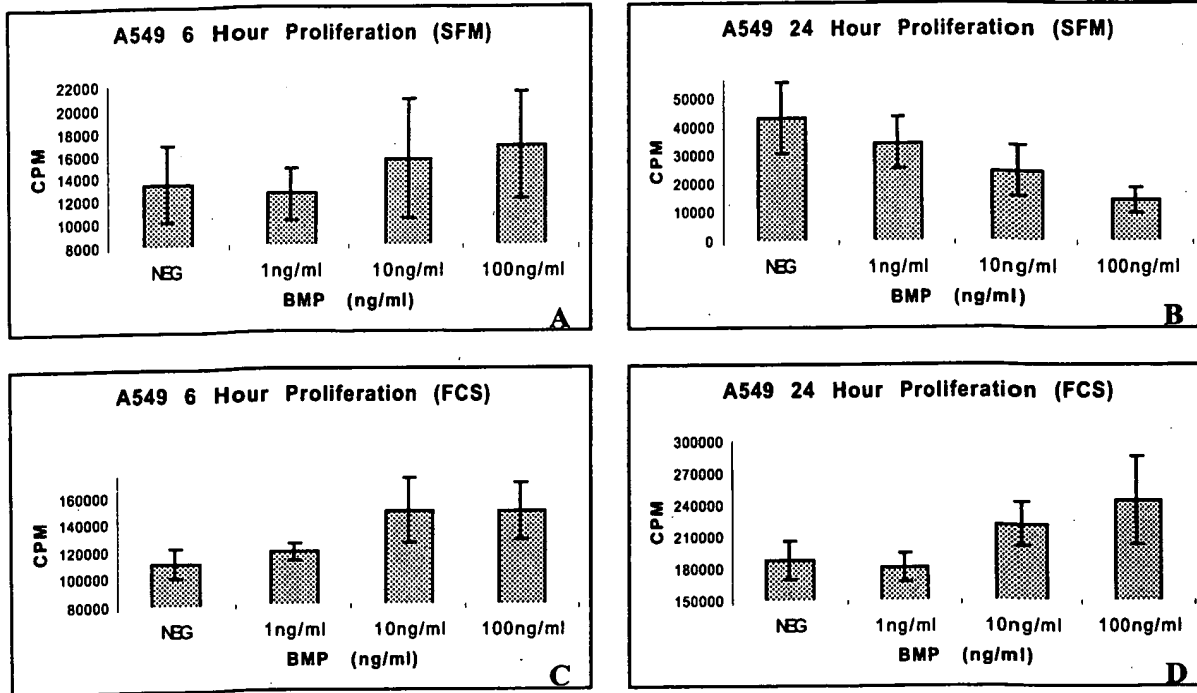


FIGURE 24

	5% FCS % Cells with Smad 1/5/8 Nuclear Staining	LHC-8 SFM % Cells with Smad 1/5/8 Nuclear Staining
Vehicle Control	3.3	2.0
15 Minutes	6.9	1.9
30 Minutes	18.0	2.5
120 Minutes	4.5	1.8

FIGURE 25

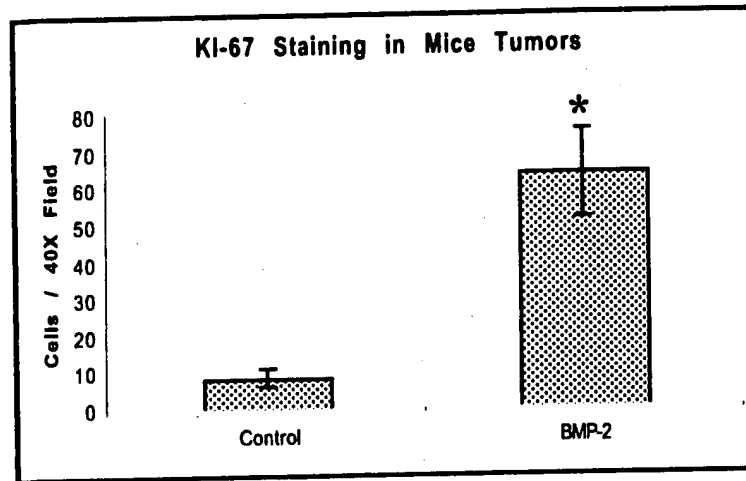


FIGURE 26

